

**EXPRESS MAIL RECEIPT NO. ER441434736US  
DEPOSITED ON JANUARY 23, 2004**

**PATENT  
DKT. STL11284**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application of: **Ching Tong Sim, Rory S. Limqueco, Jee Suan Kwok and YewChoon Chia**

For: **AUTOMATIC OPTICAL INSPECTION OF COMPONENTS USING A SHADOW PROJECTION THRESHOLD FOR A DATA STORAGE DEVICE**, the specification of which is being transmitted herewith.

**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**

**List of Sections Forming Part of This Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements
2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
3. Copies of Listed Information Items Accompanying This Statement (Copies of U.S. Patents and U.S. Patent Applications cited as references are no longer required to be submitted with patent applications filed after June 30, 2003 as indicated in 1276 OG 55.)
4. Identification of Person(s) Making This Information Disclosure Statement

**Section 1.      Preliminary statements**

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**Section 2.      Forms PTO/SB/08A and 08B (formerly Form PTO-1449)**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**Complete if Known**

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number

01/23/2004

Filing Date

Ching Tong Sim

First Named Inventor

Unknown

Art Unit

Unknown

Examiner Name

Unknown

Attorney Docket Number

STL11284

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA	US- 4,969,746		11/13/1990	McConnell et al.	
AB	US- 5,371,690		12/06/1994	Engel et al.	
AC	US- 5,805,722		09/08/1998	Cullen et al.	
AD	US- 5,815,198		09/29/1998	Vachtsevanos et al.	
AE	US- 5,963,662		10/05/1999	Vachtsevanos et al.	
AF	US- 6,269,179		07/31/2001	Vachtsevanos et al.	
AG	US- 6,496,270		12/17/2002	Kelley et al.	
AH	US- 20010030744		10/18/2001	Chang	
AI	US- 20020109835		08/15/2002	Goetz	
AJ	US- 20030039392		02/27/2003	Eckstein	
	US-				

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

### **Section 3. Copies of Listed Information Items Accompanying This Statement**

Inasmuch as the references cited in PTO/SB/08A are all U.S. Patents/Patent Applications, copies are no longer required to accompany this information statement. (1276 OG 55).

Legible copies of all items listed in Form PTO/SB/08B (substitute for Form PTO-1449) accompany this information statement.

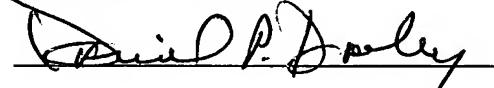
### **Section 4. Identification of Person Making This Information Disclosure Statement**

The person making this certification is:

- a. the practitioner who signs below on the basis of the information supplied by the inventor(s) and in the practitioner's file.

Date: January 23, 2004

Respectfully submitted,



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